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UML Diagram

Diagram

Description automatically generated

* Observer: GameSquareMouseListener, KeyListener, ButtonListener(ActionListener)
* Composite: JCompoenet and Jpanel
* Strategy: Layout Manager(GridBag)

|  |  |
| --- | --- |
| Front Panel | Game Panel |
| **Graphical user interface, text, application, email  Description automatically generated** | Qr code  Description automatically generated |

External Reference Library was used: POI  
NOTE: Grid layout designed inside an excel file, the program reads the excel file